

Material Safety Data Sheet

Neutralizer 84.391 & 84.402

Date of Preparation: August 7, 2008

Revision 01

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Neutralizer 84.391 & 84.402
 Chemical Formula: Proprietary
 CAS Number: N/A
 Other Designations: None
 General Use: Dyes and tints neutralizer for plastic eyeglass lenses.
 Grobet USA, 750 Washington Ave, Carlstadt, NJ 07072 (: 1.201-939-6700
 (Emergency phone number): CHEMTREC: 1-800-424-9300 or 1-703-527-3887

Section 2 - Composition / Information on Ingredients

Hazardous Ingredient	CAS #	Exposure Limit	% wt
None			

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Colorless and odorless liquid, No significant immediate hazards for emergency response known.

HMIS
H: 0
F: 1
R: 0
PPE ¹
<small>1Sec. 8</small>

Potential Health Effects

Primary Exposure Routes: Inhalation, Eyes, Skin, Ingestion
 Target Organs: None Known

Acute Effects

Inhalation: Due to low volatility, exposure to vapors is very minimal. Mist may cause irritation of upper respiratory tract (nose and throat).
Eye: Mist may cause eye irritation. Corneal injury is unlikely.
Skin: Non-irritating. Repeated and prolonged contact may cause softening and flaking of skin.
Ingestion: Very low toxicity if swallowed. No harmful effects are known.

Chronic Effects

General: NA
 Carcinogenicity: None

Medical Conditions Aggravated by Long-Term Exposure: In rare cases, repeated excessive exposure to this product may affect the central nervous system.

Section 4 - First Aid Measures

Inhalation: Move person in fresh air, if effects occur consult a physician.
Eye Contact: Flush eyes with cold water for several minutes, if irritation persists, contact physician.
Skin Contact: Wash skin with plenty of cold water.
Ingestion: Drink a glass of cold water. No medical attention is needed.
Note to Physicians: No specific antidote. Treatment of exposure should be according to patient condition and symptoms.

Section 4 - First Aid Measures

Eyes: Flush with water for 15 minutes.

Skin: Flush with plenty of water.

Ingestion: Seek medical attention, do not induce vomiting.

Inhalation: Remove person to fresh air.

Section 5 - Fire-Fighting Measures

Flash Point: 194 F



Auto ignition Temperature: 394 F

LEL: 1.2%

UEL: 23.5%

General Information: Do not use direct water stream, move container from fire area.

Extinguishing Media: Water fog or fine spray. Dry chemical/carbon dioxide fire extinguisher.

Section 6 - Accidental Release Measures

Spills/Leaks: Absorb with material such as sand and vermiculite.

Regulatory Requirements: Dispose of released chemical according to local, state and federal regulations.

Section 7 - Handling and Storage

Handling: Keep away from heat, sparks and flame, avoid breathing vapors and wash skin thoroughly after handling.

Storage: Store in the following material: Carbon Steel, stainless steel, phenolic lined steel drums.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Provide general and/or local ventilation to control levels below exposure guidelines.

OSHA Final PELs: Ref Sec. 2

Personal Protective Equipment

Eyes: Safety glasses

Skin: Protective gloves

Clothing: Protective apron

Respirators: Use air purifying respirator with organic vapor cartridge if exposure levels are above the TWA.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Water Solubility: 100%

Appearance and Odor: Clear/Mild odor

Boiling Point: 201 C

Vapor Pressure: N/A

Freezing/Melting Point: -43 C

Vapor Density: N/A

Evaporation Rate: .01

Formula Weight: 134g/mol

Dynamic Viscosity: 4.5mPas

Specific Gravity: .990

pH: N/A

Section 10 - Stability and Reactivity

Chemical Stability: Thermally stable at ambient temperature.

Conditions to Avoid: Chemical can oxidize at elevated temperatures.

Incompatibilities with Other Materials: Strong acids, bases and oxidizers

Hazardous Decomposition Products: Ketones and organic acids.

Hazardous Polymerization: Will not occur.

Section 11- Toxicological Information

CAS# 11-90-0

Oral, Guinea pig: LD50 = 3,670 – 3,800 mg/kg

Oral, rabbit: LD50 = 3,620 mg/kg

Oral, rat: LD50 = 1,920 - 9,050 mg/kg

Skin, rabbit: LD50 = 8,400 mg/kg

Carcinogenicity: Did not cause cancer in animals.

Epidemiology: No information available.

Neurotoxicity: No information available.

Mutagenicity: No information available.

Section 12 - Ecological Information

Ecotoxicity: Not available.

Physical/Chemical: No information available.

Other: Not known

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Section 14 - Transport Information

Not DOT regulated.

Section 15 - Regulatory Information

EPA Regulations: NA

TSCA: Exempt

SARA Toxic Chemical (40 CFR 372.65): Glycol Ethers

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): NA

OSHA Regulations / Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): NA

State Regulations: Refer to specific state regulations.

Section 16 - Other Information

Prepared By: Steven Zwerman, Vice President

Revision Notes: This revised version supercedes any earlier version of the MSDS.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty of any kind, expressed or implied. Dynamics Labs assumes no responsibility for any loss, damage or expense direct or consequential arising out of their improper use.